



1/10

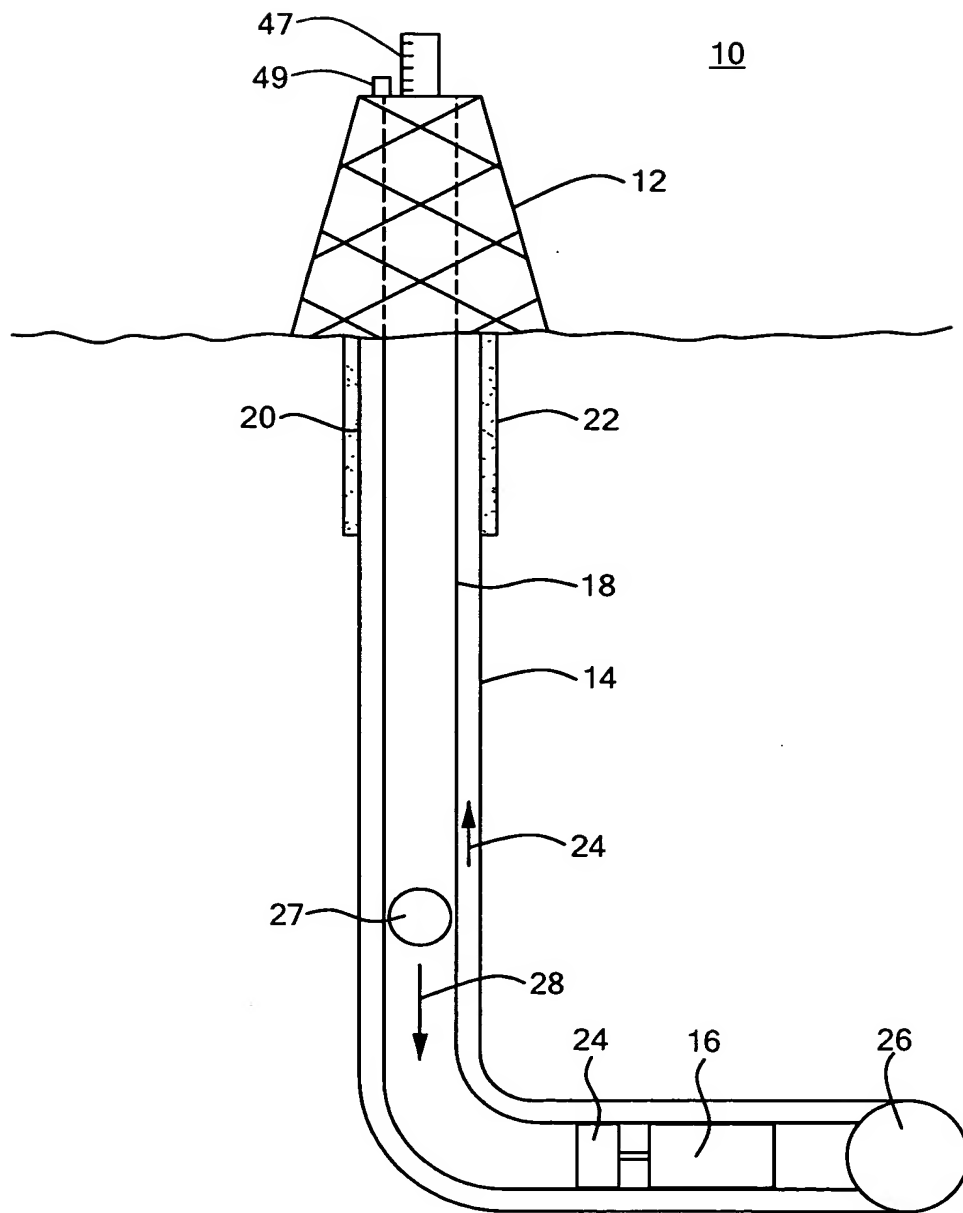


FIG. 1

3/10

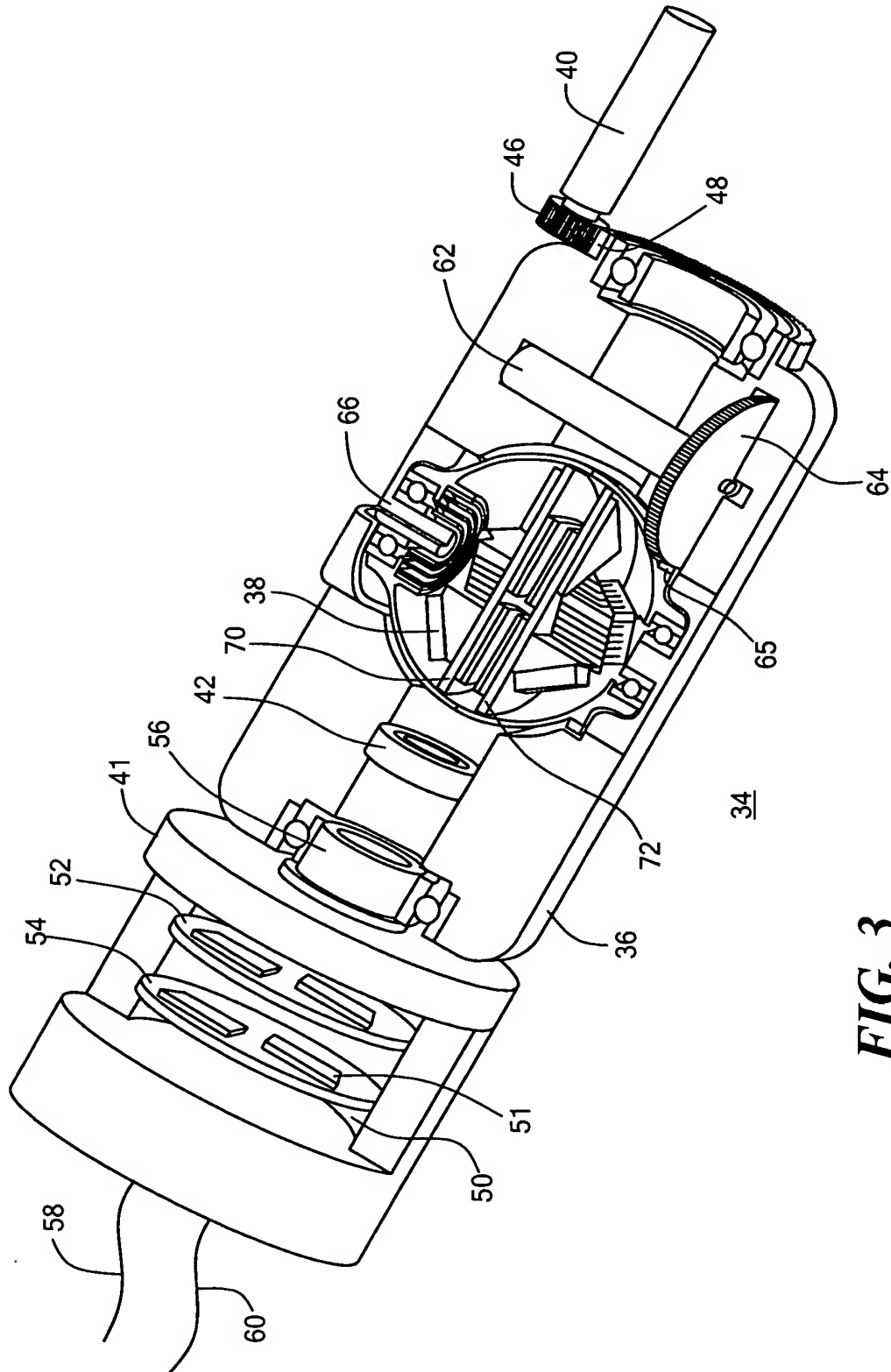
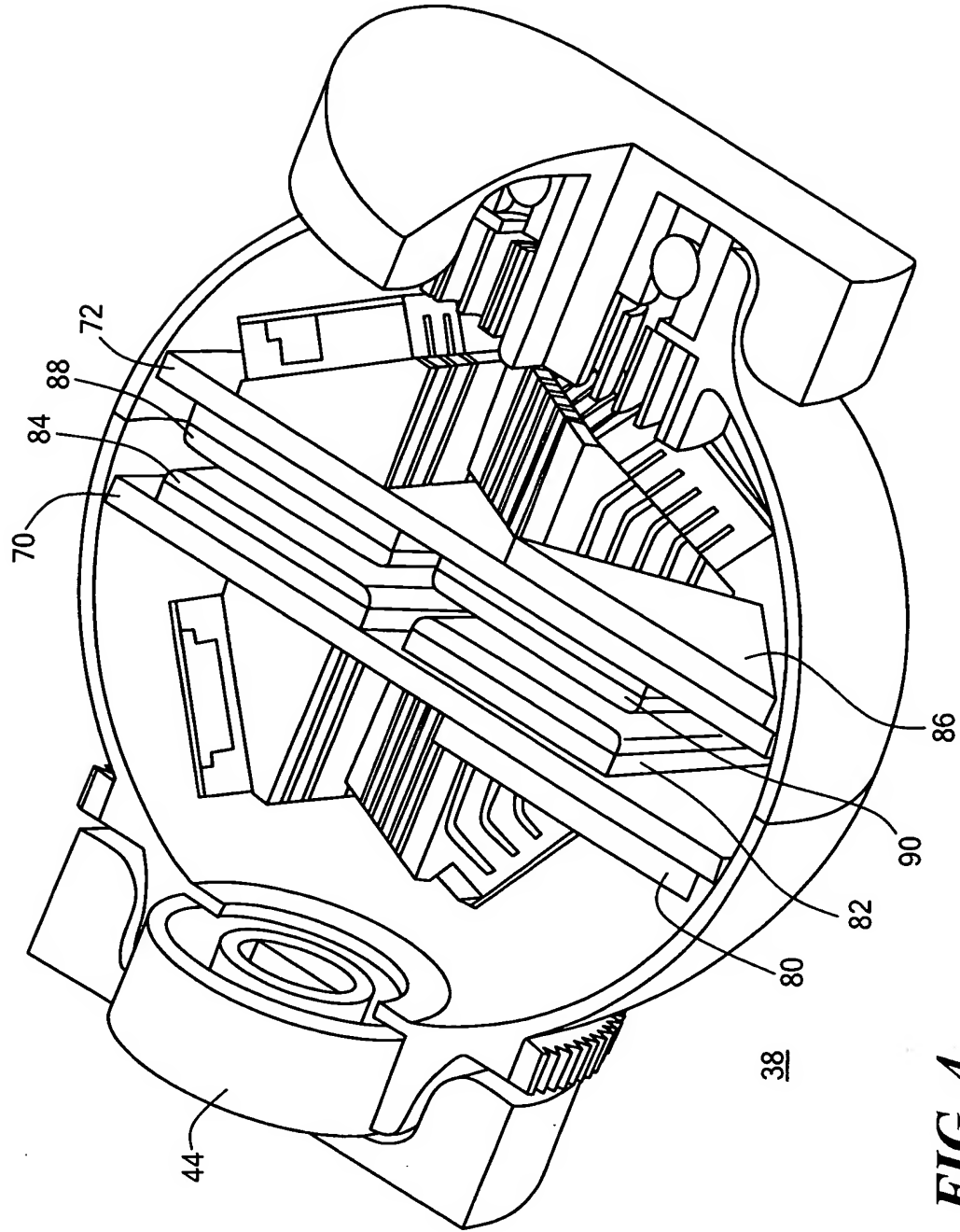
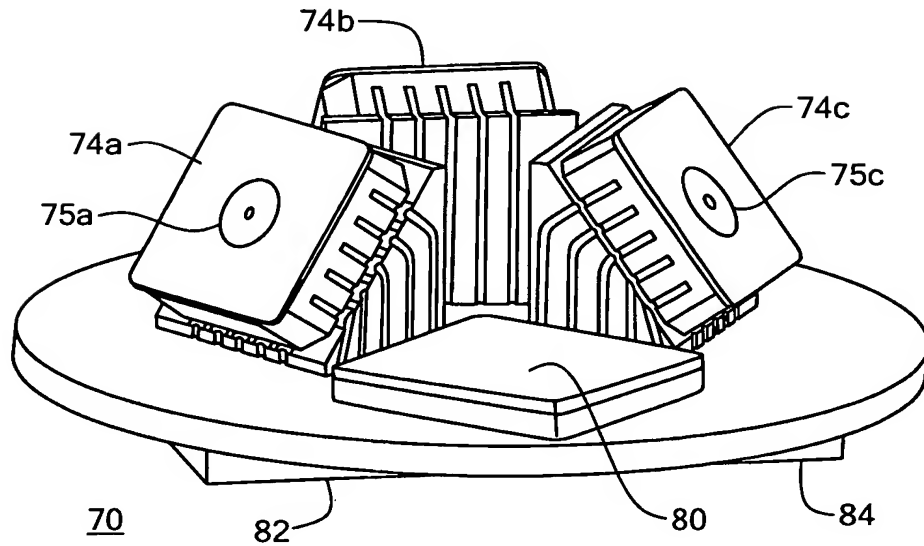


FIG. 3

4/10

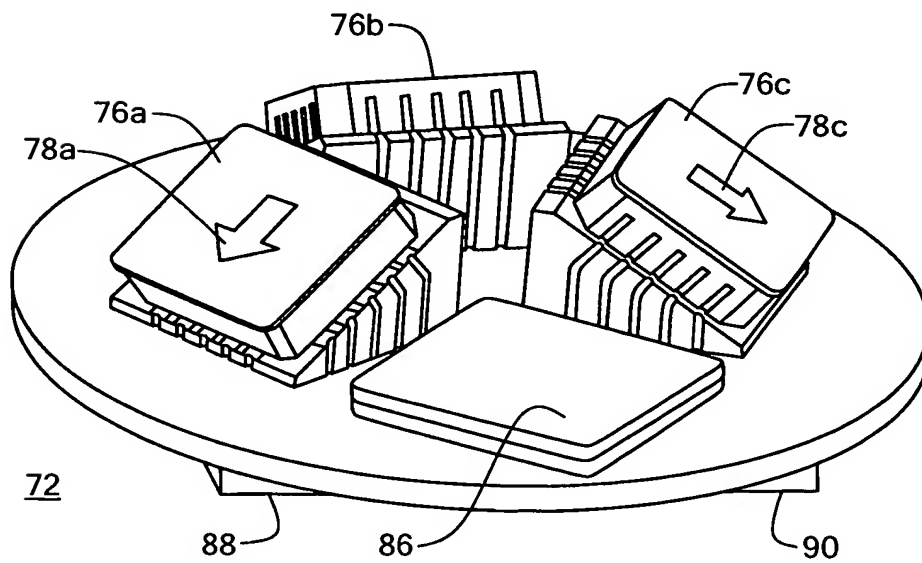


5/10



Accel Board Assembly

FIG. 5A



Gyro Board Assembly

FIG. 5B

6/10

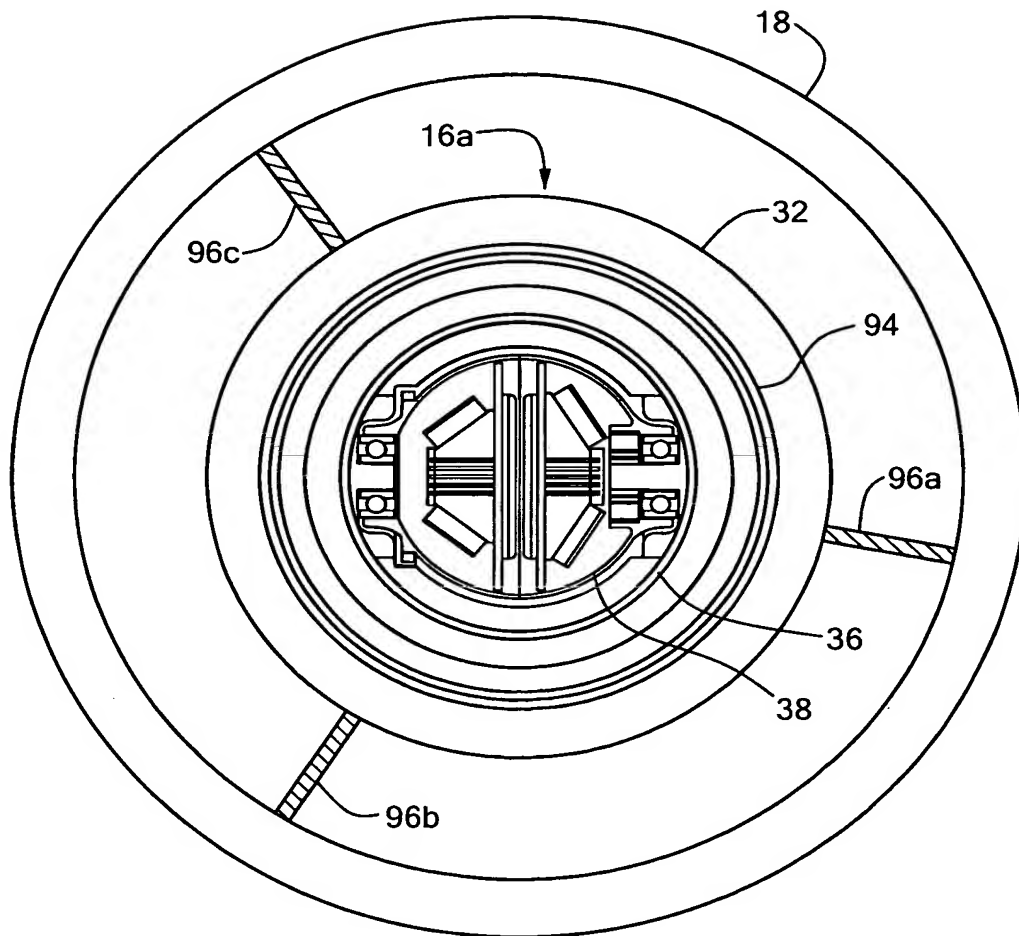


FIG. 6

7/10

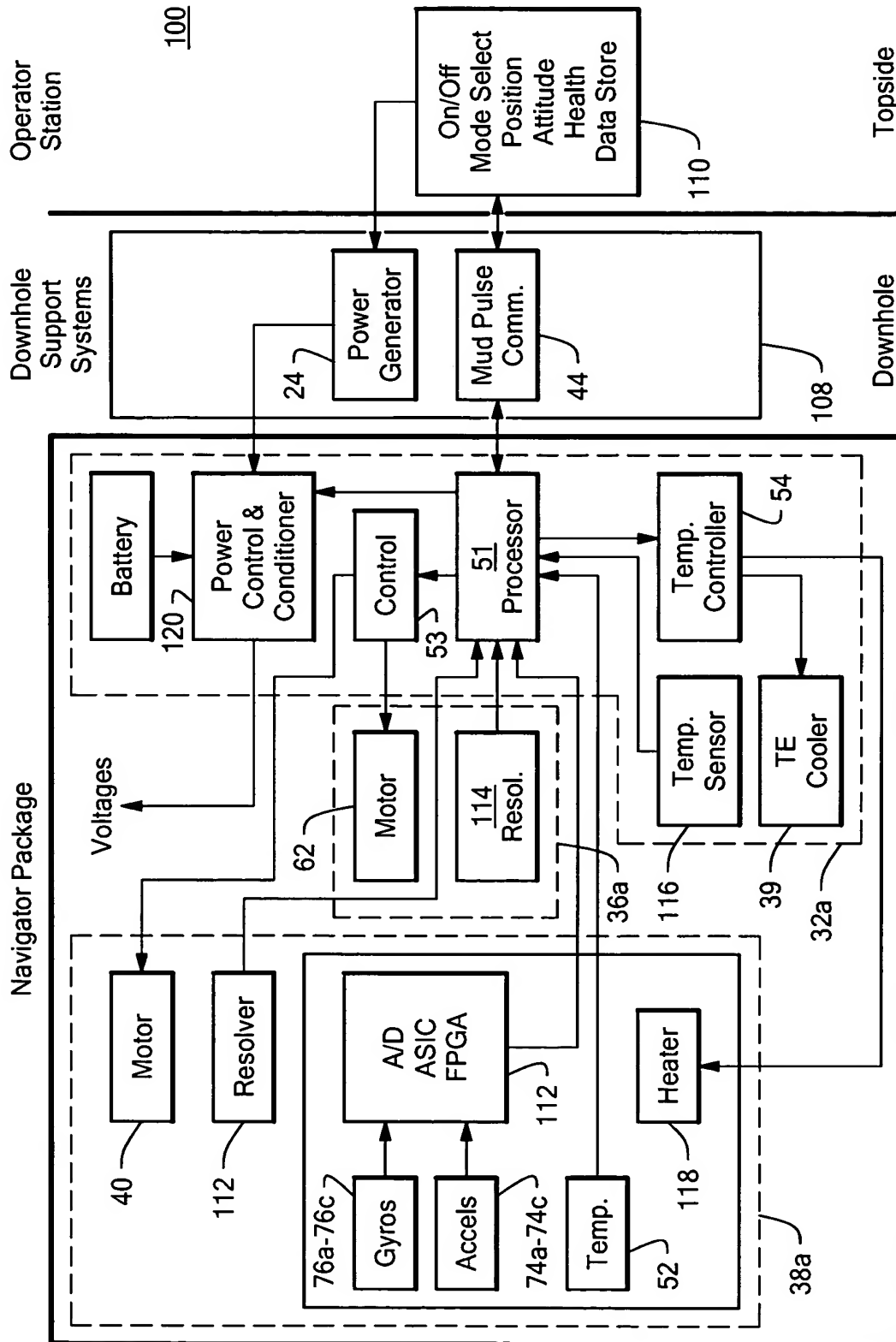


FIG. 7

8/10

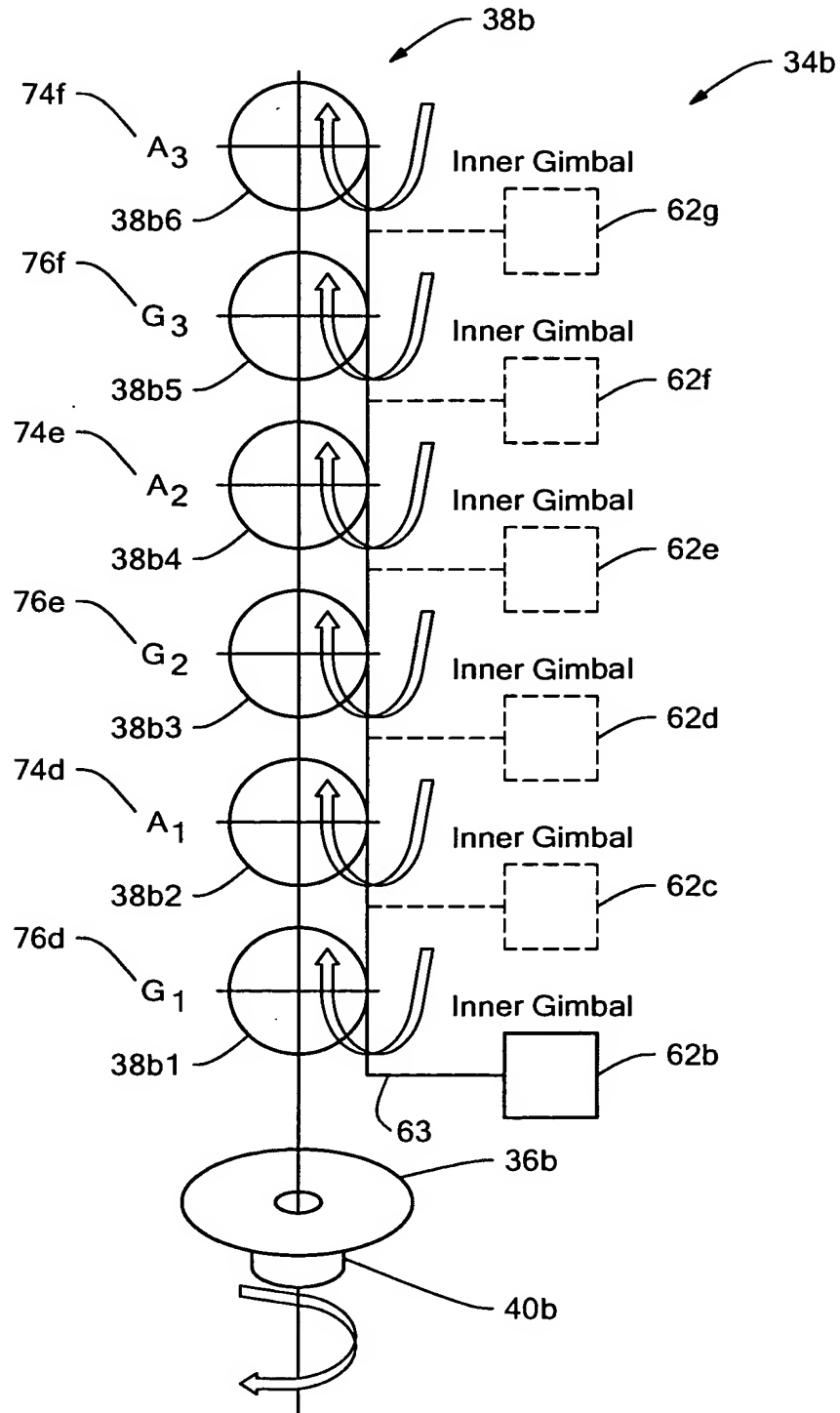
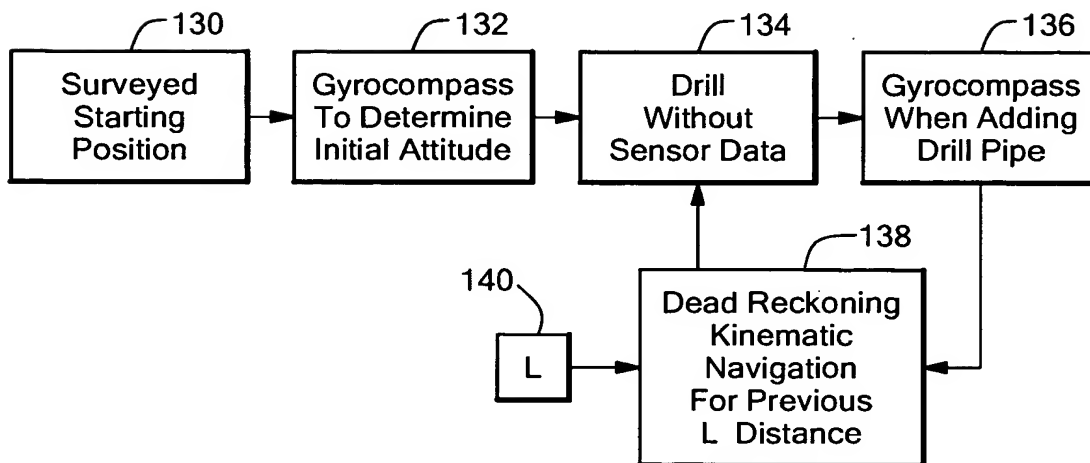


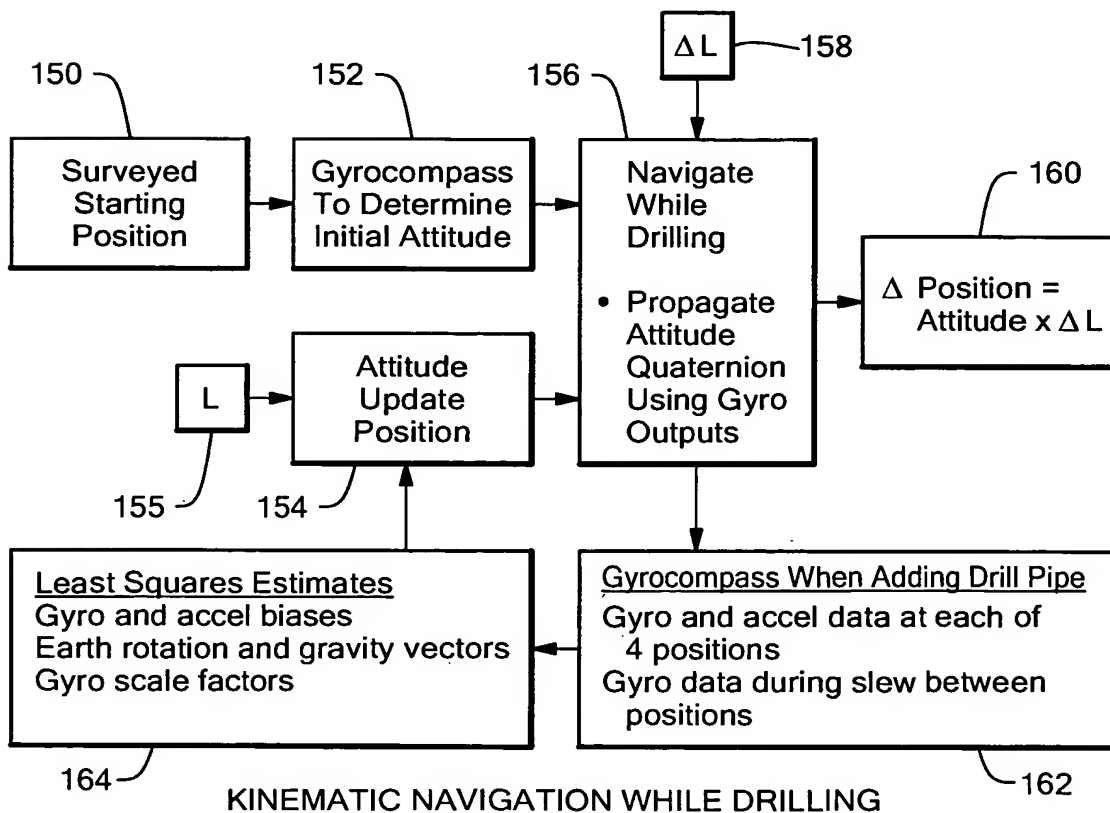
FIG. 8

9/10



DEAD RECKONING FOR KINEMATIC NAVIGATION
 WHILE DRILLING BETWEEN GYROCOMPASSES

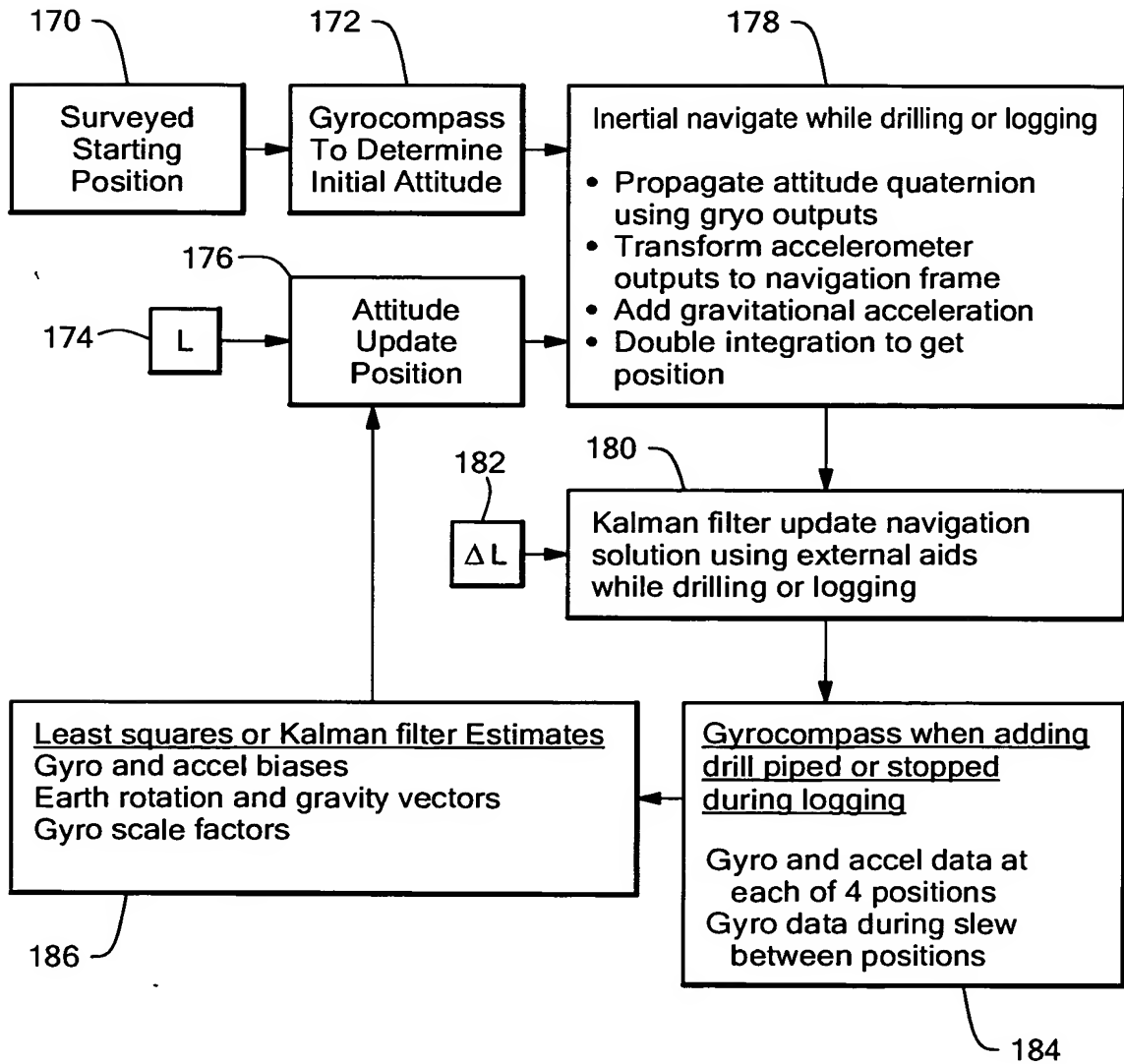
FIG. 9



KINEMATIC NAVIGATION WHILE DRILLING

FIG. 10

10/10



INERTIAL NAVIGATION WHILE DRILLING OR LOGGING

FIG. 11